

Miniaturized
SINGLE-CONTACT

TAPE READER SET

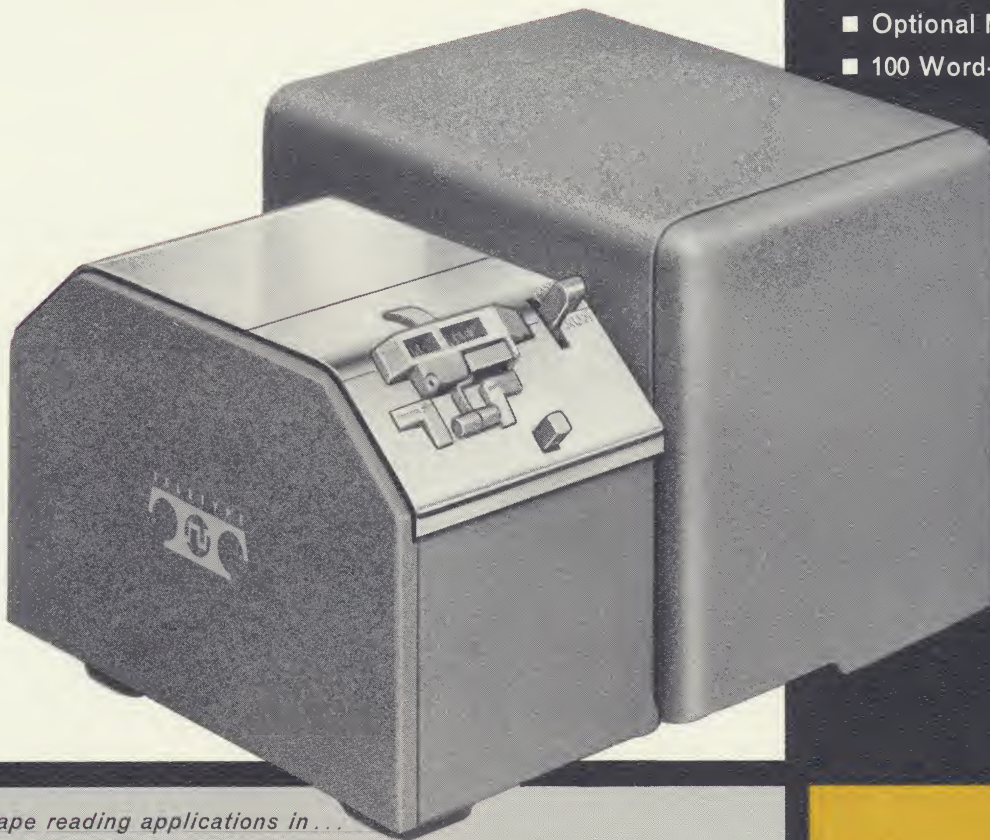
TYPE LXD TRANSMITTER-DISTRIBUTOR



TELETYPE
CORPORATION SUBSIDIARY OF Western Electric Company, INC.

Featuring

- 40% Reduction in Size & Weight
- Lower Power Requirements
- Sequential Transmission
- Optional Multi-Wire Output
- 100 Word-per-minute Operation

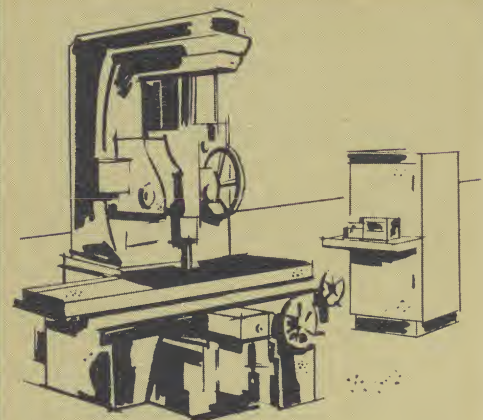
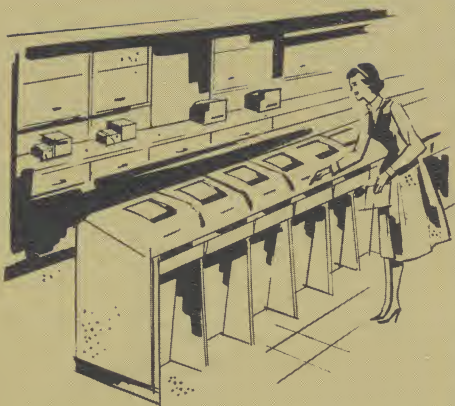


For a variety of tape reading applications in...

COMMUNICATIONS

DATA PROCESSING

AUTOMATION



Teletype Model **28** Miniaturized LXD Transmitter-Distributor...

**A versatile, 100-word-per-minute, 5, 6, 7 or 8 level TAPE READER SET
with standard reader and smaller motor, base and cover**

For speed, dependability and economy in transmitting messages and other data punched into your business machine tapes—Teletype offers the **MODEL 28 MINIATURIZED LXD TAPE READER SET!**

This high capacity unit is specifically engineered to meet your tape transmission requirements with speed and dependability.

Utilizing a standard single-contact, M28 tape reader component—this new smaller size set will automatically convert 5, 6, 7 or 8 level code combinations, in chadless or fully perforated tape, into electrical impulses. These accurately timed signals, in standard Baudot code, are transmitted sequentially (serially) over a single telegraph channel to either local or remote receiving stations.

For use with equipment in data processing and automated control systems requiring multi-wire (parallel)

input, the versatile Model 28 miniaturized LXD can be equipped with code reading contacts. This optional feature provides the signal output needed for such applications. The Model 28 miniaturized LXD can be actuated either locally or from a remote source.

Advanced M28 design-features equip the unit for dependable operation at 100 words per minute (gears for lower speeds are available). An M28 all-metal clutch is used to maintain higher speed performance cycle-after-cycle. This internal expansion type clutch not only adds longer life to the unit, but also minimizes the necessity for lubrication and maintenance.

Thus, whether the need is for cross-office or cross-country application, the Teletype Model 28 miniaturized LXD tape reader will enable you to utilize more fully your transmission lines and associated facilities.

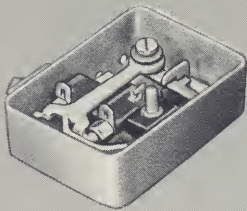


Typical applications for MODEL **28** LXD Reads tape and transmits code signals:

- to a teleprinter for preparation of page copy
- to a remote tape reperfector for preparation of tapes
- to a communication switching center for retransmission to other points
- to computers and business machines with sequential or multi-wire input facilities
- to automated factory equipment
- to automatic typesetting and addressing equipment installations

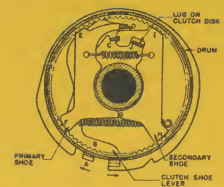
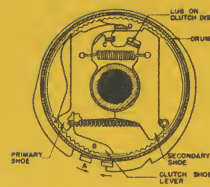
IMPORTANT TELETYPE FEATURES

- A self-contained tape reader set complete with sending head, motor, base and cover.
- Reads either chadless or fully perforated tape.
- Models to accommodate 5, 6, 7 or 8 level tapes.
- Single-contact signal generator for sequential (serial) output.
- Optional code reading contacts for multi-wire (parallel) output.
- Compatible with existing data communications equipment.
- Speed capability enabling fuller utilization of transmission lines and facilities.
- "Free floating" base to minimize noise or vibration.
- Reliability during extended operation.
- Lubrication maintenance interval of 6 months to a full year.
- Oil-pan type sub-base to catch excess oil.
- Nylon gears for quieter operation.
- Utilizes latest Teletype M28 components.
- Compact in size and light in weight.
- Attractively styled to blend with any office equipment.



SINGLE-CONTACT SIGNAL GENERATOR

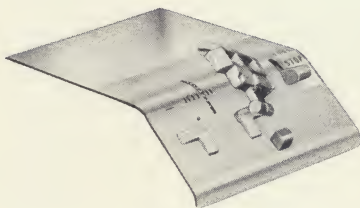
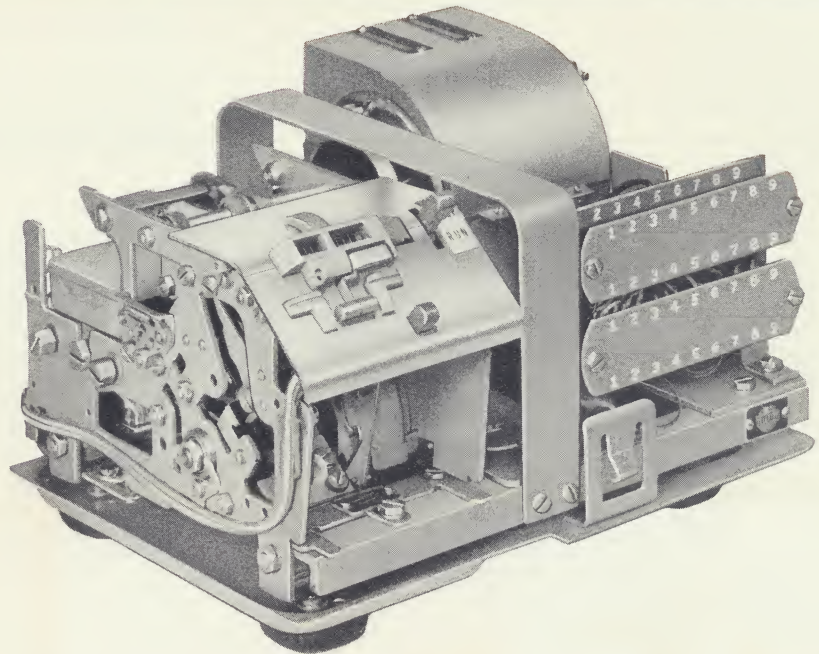
The electro-mechanical signal generator of advanced single-contact design, automatically translates mechanical code combinations into electrical signals for transmission. It is encased in a metal box for added protection against dust and oil, and as a shield against causing radio interference.



ALL-METAL CLUTCH

An internal expansion type all-metal clutch assures firm engagement cycle-after-cycle and eliminates the wear and constant need for lubrication associated with conventional felt clutches. This special clutch also enables operation with precision accuracy where character-by-character tape feed pulsing is required.

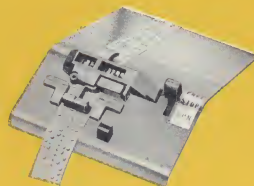
**Incorporates
simplicity
of design
with
compactness
of size**



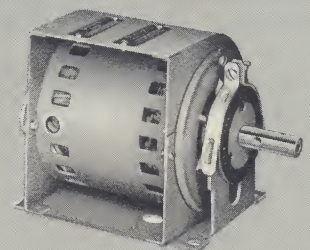
AUTOMATIC CONTROLS

A "tape out" switch is provided to stop transmission automatically at end of tape. A "taut tape" switch stops transmission when tape slack is taken up between sender unit and associated apparatus. This feature also keeps tape flat and under proper tension.

MANUAL CONTROLS



A 3-position, manually operated lever provides "start," "stop" and "freewheeling" control of tape. "Freewheeling" enables insertion of tape without lifting the tape lid. However, the tape lid is hinged and may be released for cleaning or special applications such as the insertion of continuous-loop tape. Index lines provide visual aid for accurately positioning the start of message.



SPACE SAVER MOTOR

This rugged, synchronous motor of special design is used to meet the power requirements for continuous operation featured in Teletype equipment. Its compact size helps to reduce the overall size and weight of the Model 28 miniaturized LXD set.

SPECIFICATIONS

DIMENSIONS: Height 5 $\frac{1}{8}$ ", Width 7 $\frac{1}{2}$ ", Depth 9 $\frac{1}{2}$ ".

APPROXIMATE WEIGHTS: Net—including cover, 15 lbs. Domestic shipping weight—30 lbs. Export shipping weight—65 lbs.

POWER REQUIREMENTS: Synchronous motor unit, approx. 50 Watts, 115 Volts, regulated 60 Cy. A.C. Universal clutch magnets (A.C. or D.C.). D.C. Power is required for signal line.

FINISHES: Available in attractive gray-green wrinkle or other finishes to blend with modern or traditional office decor.



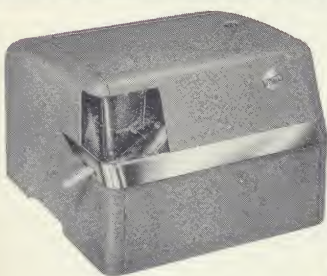
MODEL 28

...a versatile line of Data Communications Equipment

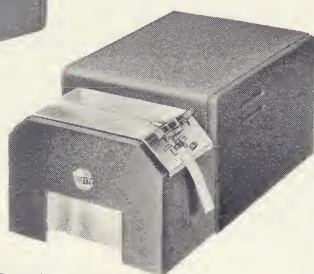
These Teletype Model 28 sets offer a wide range of data handling facilities for page printing, tape punching and tape reading. Each is designed to add speed, economy and dependability to your system. They will operate at speeds from 60 to 200 words per minute, depending upon the application needed. Proven features including sequential or multi-wire input-output facilities, type-box printing, all-metal clutches and a built-in automatic function control

device provide almost unlimited facilities for communications, data processing and automation. Components of the self-contained sets shown here are available for integration with other data-handling equipment.

Teletype applications engineers will be pleased to discuss your individual requirements with you at your convenience. This service is offered without obligation, of course. Please contact the address listed below.



Typing Tape Punch



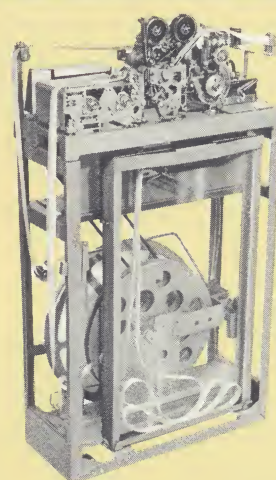
Multi-Contact Tape Reader



Automatic Send-Receive Set
(A Composite Unit)



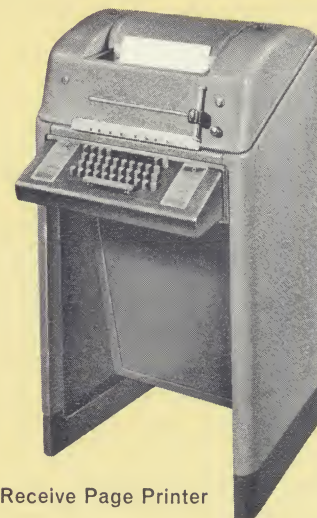
Table Model Send-Receive Page Printer



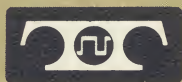
Automatic Tape Relay Set



Receive-Only Page Printer



Send-Receive Page Printer



TELETYPE®
CORPORATION SUBSIDIARY OF Western Electric Company INC.

GENERAL OFFICES
5555 Touhy Avenue, Skokie, Illinois
Phone: ORchard 6-1000, Skokie
COrneilia 7-6700, Chicago
Direct Distance Dialing
Area Code 312

TWX: 312-677-6700
(24-hour unattended service)
W. U. service on premises
TELEX: 02-5451

GOVERNMENT LIAISON OFFICE
425—13th Street, N.W.
Washington 4, D.C.
Phone: MEtropolitan 8-1016

Litho U.S.A. 35M5363

**SINGLE-
CONTACT**

TAPE READER

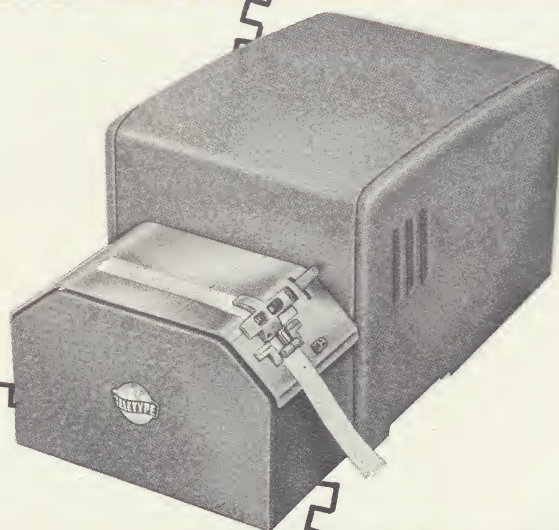
(TYPE LXD TRANSMITTER-DISTRIBUTOR)



COMMUNICATIONS



DATA PROCESSING



AUTOMATION

Provides CONTINUOUS TAPE TRANSMISSION WITH

NEW { SPEED
DEPENDABILITY
VERSATILITY
ECONOMY

FOR CROSS-OFFICE OR CROSS-COUNTRY APPLICATIONS

TELETYPE[®]
CORPORATION • SUBSIDIARY OF *Western Electric Company INC.*



TELETYPE MODEL 28 LXD

TRANSMITTER-DISTRIBUTOR

a versatile, high capacity 5 or 6 level TAPE READER engineered for dependable operation at 100 words per minute...

For speed, dependability and economy in transmitting messages and other data punched into your business machine tapes—Teletype offers the all-new MODEL 28 LXD TAPE READER!

This high capacity unit is specifically engineered to meet your tape transmission requirements.

Five- or six-level code combinations, in chadless or fully perforated tape, are automatically converted into electrical impulses. These accurately timed signals, in standard Baudot code, are transmitted sequentially (serially) over a single telegraph channel to local or remote receiving stations.

For use with equipment in data processing and automated control systems requiring parallel-wire (simultaneous) input, the versatile Model 28 LXD can be equipped with code reading contacts. This optional feature provides the signal output needed for such applications. The Model 28 LXD can be actuated either locally or from a remote source.

Advanced M28 design—features equip the unit for dependable operation at 100 words per minute (gears for lower speeds are available). Long-life, M28 all-metal clutches are used to maintain higher speed performance, cycle-after-cycle. These internal expansion type clutches not only add longer life to the unit, but also minimize the necessity for lubrication and maintenance.

Thus, whether the need is for cross-office or cross-country application, this new Teletype Model 28 LXD tape reader will enable you to utilize more fully your transmission lines and associated facilities.

Typical applications FOR MODEL 28 LXD

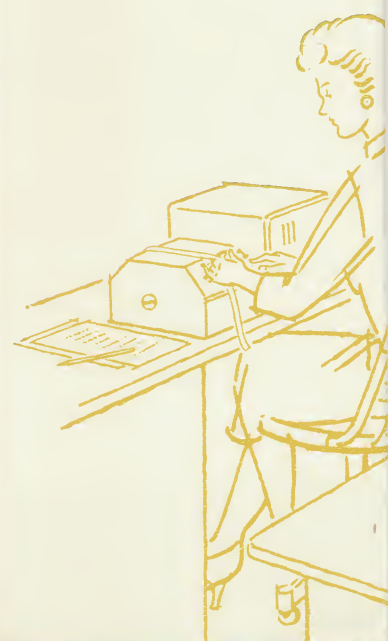
Reads tape and transmits code signals:

- to a teleprinter for preparation of page copy
- to a remote tape reperforator for preparation of tapes
- to a communication switching center for retransmission to other points
- to computers and business machines
- to automated factory equipment
- to automatic typesetting and addressing equipment installations

Important

TELETYPE FEATURES

- ★ A self-contained tape reader
- ★ Reads either chadless or perforated tape.
- ★ Models to accommodate 5 or 6 level code
- ★ Single-contact signal generator for parallel output.
- ★ Optional code reading contacts for parallel-wire (simultaneous) output.
- ★ Compatible with existing telegraph communications equipment.
- ★ Speed capability enabling operation on transmission lines and over long distances.
- ★ Free floating base to minimize vibration.
- ★ Reliability during extended operation.
- ★ Lubrication maintenance-free for months to a full year.
- ★ Oil-pan type sub-base to protect against oil leaks.
- ★ Utilizes latest Teletype Corporation design.
- ★ Compact in size and light in weight.
- ★ Attractively styled to blend with office equipment.



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ATURES

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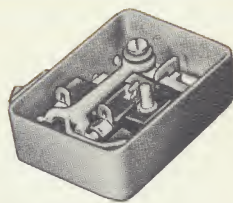
e interval of 6

catch excess oil.

28 components.

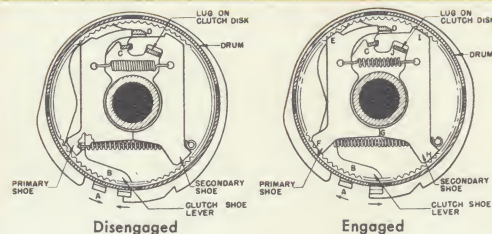
in weight.

with any office



SINGLE-CONTACT SIGNAL GENERATOR

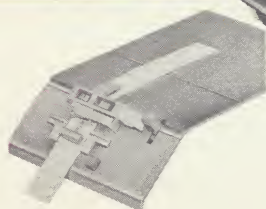
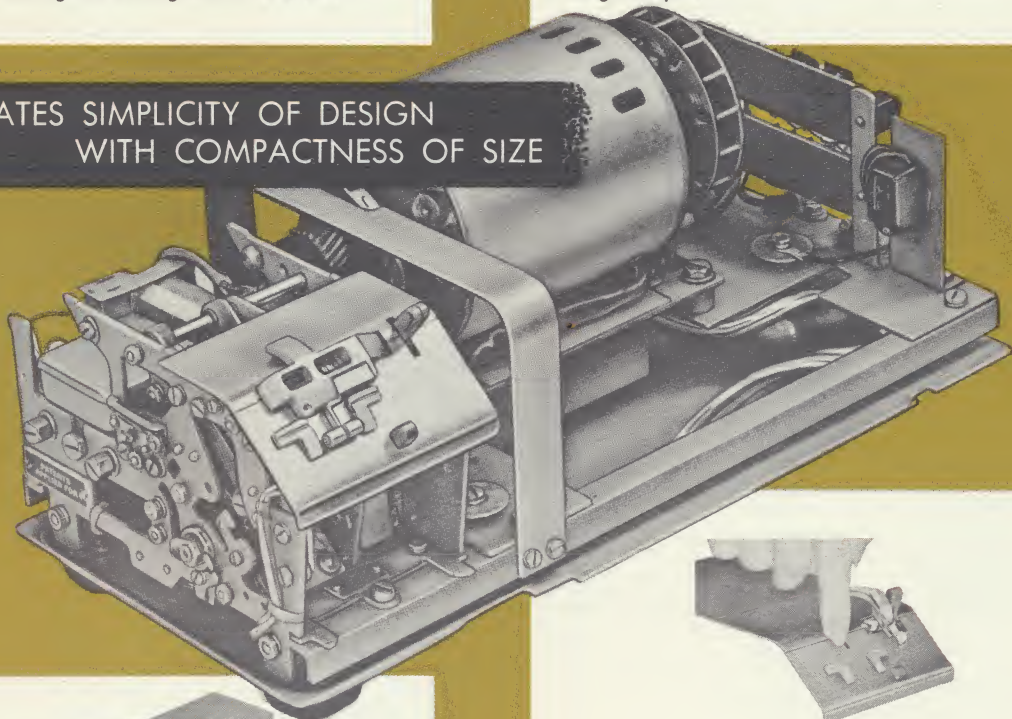
The electro-mechanical signal generator of advanced single-contact design, automatically translates mechanical code combinations into electrical signals for transmission. It is encased in a metal box for added protection against dust and oil, and as a shield against causing radio interference.



ALL-METAL CLUTCH

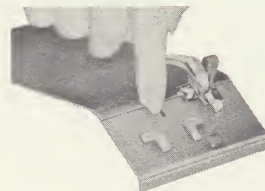
An internal expansion type all-metal clutch assures firm engagement cycle-after-cycle and eliminates the wear and constant need for lubrication associated with conventional felt clutches. This special clutch also enables operation with precision accuracy where character-by-character tape feed pulsing is required.

INCORPORATES SIMPLICITY OF DESIGN
WITH COMPACTNESS OF SIZE



MANUAL CONTROLS

A 3-position, manually operated lever provides "start," "stop" and "freewheeling" control of tape. "Freewheeling" enables insertion of tape without lifting the tape lid. However, the tape lid is hinged and may be released for cleaning or special applications such as the insertion of continuous-loop tape. Index lines provide visual aid for accurately positioning the start of message.

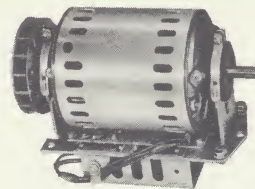


AUTOMATIC CONTROLS

A "tape out" switch is provided to stop transmission automatically at end of tape. A "taut tape" switch stops transmission when tape slack is taken up between sender unit and associated apparatus. This feature also keeps tape flat and under proper tension.

SPECIFICATIONS

DIMENSIONS: Height 7", Width 7 1/2", Depth 14 1/2".
APPROXIMATE WEIGHTS: Net — including cover, 26 1/2 lbs. Domestic shipping weight—40 lbs. Export shipping weight—100 lbs.
POWER REQUIREMENTS: Standard M28 synchronous motor unit, 65 Watts, 115 Volts, regulated 60 Cy. A.C. Optional motors are available for other power requirements. Universal clutch magnets (A.C. or D.C.). D.C. power is required for signal line.
FINISHES: Available in attractive gray-green wrinkle or other finishes to blend with modern or traditional office decor.



HEAVY DUTY MOTOR

The M28 motor in this unit is of special design to meet the exacting power requirements for continuous operation featured in the Model 28 Line of equipment. It has oversized bearings, rubber mounts and is self-cooled for quiet, dependable and trouble-free operation.



A versatile new line of transmission equipment designed to add speed, flexibility and economy to your communications capacities.

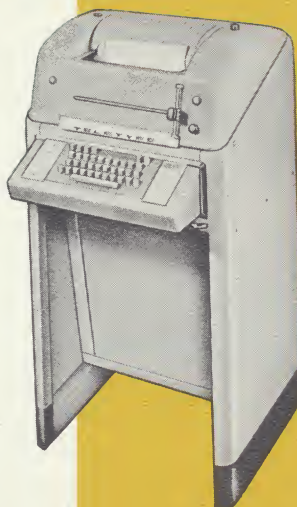
TELETYPE CORPORATION'S new Model 28 Line of equipment offers a wide variety of facilities for...

**PAGE PRINTING
TAPE PUNCHING
TAPE READING**

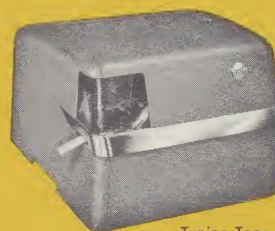
...in combinations to meet your individual applications requirements.

The 28 Line is a product of Teletype Corporation and reflects more than fifty years of continuous manufacturing experience. Teletype manufactures this equipment for the Bell System and others who require the utmost reliability from their data communications facilities.

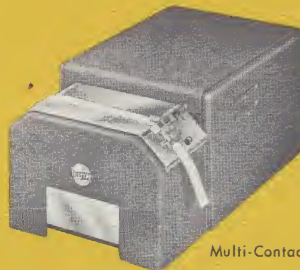
For additional information on how Teletype equipment can solve your needs, please phone, wire or write as indicated below.



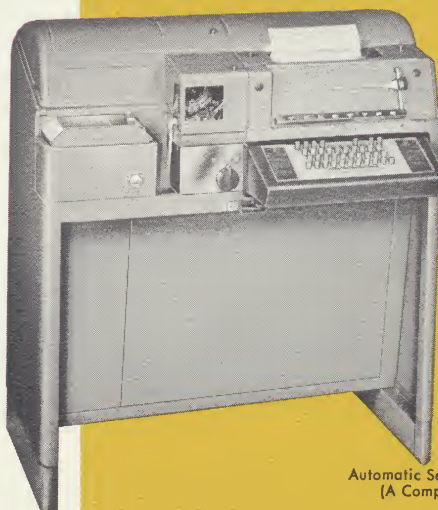
Send-Receive Page Printer



Typing Tape Punch



Multi-Contact Tape Reader



Automatic Send-Receive Set
(A Composite Unit)

TELETYPE®
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GENERAL OFFICES

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